

1fw

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. BKP-100	
In Re Application Of: Dromel Ziou et al.					
Application No. 10/524,323	Filing Date February 9, 2005	Examiner Unassigned	Customer No. 48388	Group Art Unit 2621	Confirmation No.
Title: IMAGE MODEL BASED ON N-PIXELS AND DEFINED IN ALGEBRAIC TOPOLOGY, AND APPLICATIONS THEREOF					
<p style="text-align: center;">Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p style="text-align: center;">37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;">37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="padding-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Under 37 CFR 1.97(b) or 1.97(c)

Docket No.

BKP-100

In Re Application of: Djemel Ziou et al.

Application No. 10/524,323	Filing Date February 9, 2005	Examiner Unassigned	Customer No. 48388	Group Art Unit 2621	Confirmation No.
-------------------------------	---------------------------------	------------------------	-----------------------	------------------------	------------------

Title: IMAGE MODEL BASED ON N-PIXELS AND DEFINED IN ALGEBRAIC TOPOLOGY, AND APPLICATIONS THEREOF

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-2147 as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☐ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

*This certificate may only be used if paying by deposit account.

Signature

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

March 16, 2007

(Date)

Signature of Person Mailing Correspondence

Mark D. Lorusso

Typed or Printed Name of Person Mailing Certificate

Dated: March 16, 2007

CC:



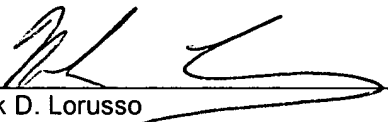
PATENT
ATTORNEY'S DOCKET NO.: BKP-100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Djemel Ziou et al.
Serial No.: 10/524,323
Filed: February 9, 2005
For: IMAGE MODEL BASED ON N-PIXELS AND
DEFINED IN ALGEBRAIC TOPOLOGY, AND
APPLICATIONS THEREOF
Examiner: Not Assigned
Art Unit: 2621

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with 1st first-class postage attached, addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on March 16, 2007.


Mark D. Lorusso

Commissioner for Patents
PO BOX 1450
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the applicants request consideration of this information disclosure statement.

Compliance with 37 C.F.R. §1.97

This information disclosure statement has been filed before the mailing of a first office action on the merits. No fee or certification is required.

Information Cited

The applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the relative importance of the references.

Remarks

Pursuant to 37 C.F.R. § 1.98(a)(2)(i), copies of non-U.S. patent references are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

- The examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- The enclosed form PTO-1449 be signed by the examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- The citations for the information be printed on any patent which issues from this application.

By submitting this information disclosure statement, the applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this information disclosure statement, the applicants make no representation that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this information disclosure statement, the applicants make no representation that the information cited in the statement is, or is considered to be, in

fact, prior art as defined by 35 U.S.C. §102.

It is understood by applicants that the foregoing information will be considered and, to the extent deemed appropriate by the examiner, will be reflected in the examiner's communication.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark D. Lorusso', with a long horizontal flourish extending to the right.

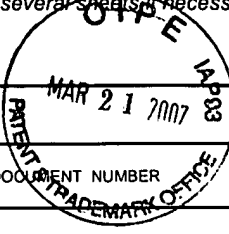
Mark D. Lorusso
Reg. No. 41,955
Lorusso & Associates
3 Pinecrest Terrace
Portsmouth, NH 03801
Tel: (603) 427-0070
Attorneys for Applicants

Docket No.: BKP-100

Date: March 16, 2007

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.

BKP-100

APPLICATION NO.

10/524,323

APPLICANT(S)

Djemel Ziou et al.

FILING DATE

February 9, 2005

GROUP ART UNIT

2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			P.J. Giblin, Graphs, Surfaces and Homology, 1977 (Chapman and Hall)
			T.Y. Kong et al., Digital Topology: Introduction and Survey, 1989 (CVGIP)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. BKP-100		APPLICATION NO. 10/524,323	
				Djemel Ziou et al.			
				FILING February 9, 2005		GROUP ART 2621	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
			J.R. Munkres, Elements of Algebraic Topology, 1984 (Addison-Wesley)				
			A.S. Schwartz, Topology for Physicists, 1994 (Springer-Verlag)				
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. BKP-100	APPLICATION NO. 10/524,323
	Djemel Ziou et al.	
	FILING February 9, 2005	GROUP ART 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			D. Ziou et al., Generating Cubical Complexes from Image Data and Computation of the Euler Number, 2001 (Technical Report)
			J. Li et al., A Spectral Method for Solving Elliptic Equations for Surface Reconstruction and 3D Active Contours, 2001 (IEEE)

EXAMINER	DATE CONSIDERED
-----------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. BKP-100	APPLICATION NO. 10/524,323
	Djemel Ziou et al.	
	FILING February 9, 2005	GROUP ART 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
--

			M. Kass et al., Snakes: Active Contour Models, 1988 (The International Journal of Computer Vision)
			G.B. Thomas et al., Calculus and Amalytic Geometry, 1988 (Addison-Wesley Publishing Company)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.